

ABSTRACT OF THE DISCLOSURE

A system, device, and method for distributing routing information in an optical virtual private network establishes an initial bootstrap topology
5 and distributes the routing information over the initial bootstrap topology.
Each node establishes a communication connection to one and only one lower priority peer node if such a lower priority peer node exists. If more than one lower priority peer nodes exist, then one of the lower priority peer nodes is selected and the communication connection is established to the selected
10 lower priority peer node.